Natural Flood Management (NFM) Symposium

Edinburgh Centre for Carbon Innovation, Edinburgh
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Environment Agency

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The Environment Agency

We work to create better places for people and wildlife, and support sustainable development.

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Natural Flood Management Programme

- £15m announced
- Integrate NFM techniques in our 6 year programme
- £13.2m at Catchment Scale
- £1.8m Community lead

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The Aims

- Reduction in Flood and Coastal Erosion risk
- Improve habitats and increase biodiversity
- Contribute to Research & Development; reducing the evidence gap for NFM
- Promote partnership working

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Ministerial Involvement

- Minister Coffey has been involved in the process
- Her aspiration is that interventions are
  - Delivered at pace
  - Not over engineered
  - Community led
- This is about testing interventions and drawing conclusions from the data

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Types of Interventions

- A variety of interventions
- A range of catchment types
- Different methods of delivery
- Long term monitoring

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1 Alconbury
2 Bacton Sand Engine
3 Clothworkers Wood
4 Cumbria Floods Partnership Action Plans
5 Dartmoor Headwaters
6 Dorking FAS
7 Evenlode
8 Marine Pioneer - North Devon – Taw Torridge
9 Marine Pioneer - Suffolk - Slaughden
10 Medway NFM
11 NFM Interventions across ENS
12 North Yorkshire NFM – Beckstone Beck
13 North Yorkshire NFM – Brompton
14 North Yorkshire NFM – Upper Ure / Bishopdale
15 Radcliffe and Redvales
16 River Lugg and Wye Integrated
17 River Soar Tributaries
18 Shipston
19 Shropshire Slow the Flow - Severn Tribs
20 'Slow the Flow' delivery in GMMC
21 Sweton Flood Resilience Scheme
22 Weardale NFM Demonstrator
23 Williston Monk silver and Dunsford catchments
24 Wootton Brook
25 Worcs Avon/Cotswold Escarpment Tributaries

Community Projects

26 Bishop's Wood NFM
27 Bourne Rivulet Restoration & Flood Management
28 Collingham Beck NFM
29 Derwent Villages
30 Fillingley and River Bourne NFM
31 Havergate & Orford
32 Hawden Stream
33 Kenwith Valley NFM
34 Lowdham NFM
35 Lower River Crane Restoration
36 Northey Island Saltmarsh Regeneration
37 Ottery St. Mary
38 Pang Valley NFM
39 Papermill Dyke NFM
40 Pymmes Brook Deculverting
41 Rise Park Stream
42 River Leck Catchment NFM
43 River Pinn Park Woods
44 Rogerscale Floodplain Reconnection
45 Salmons Brook Natural Flood Management
46 Slowing the Flow - Upper Dane
47 Slowing the Flow - Upper Dean
48 SuDS in Sutton's Schools
49 Swallowfield Flood Relief
50 The Midgelden Brook Project
51 Twyver NFM
52 Upper Coln NFM
53 Upper Piddle Headwaters
54 Wallington Catchment Management Scheme
55 Woodland and river management in two headwater streams
56 Wyre NFM
57 Yarrow Meadows
58 Yazor Brook flood alleviation

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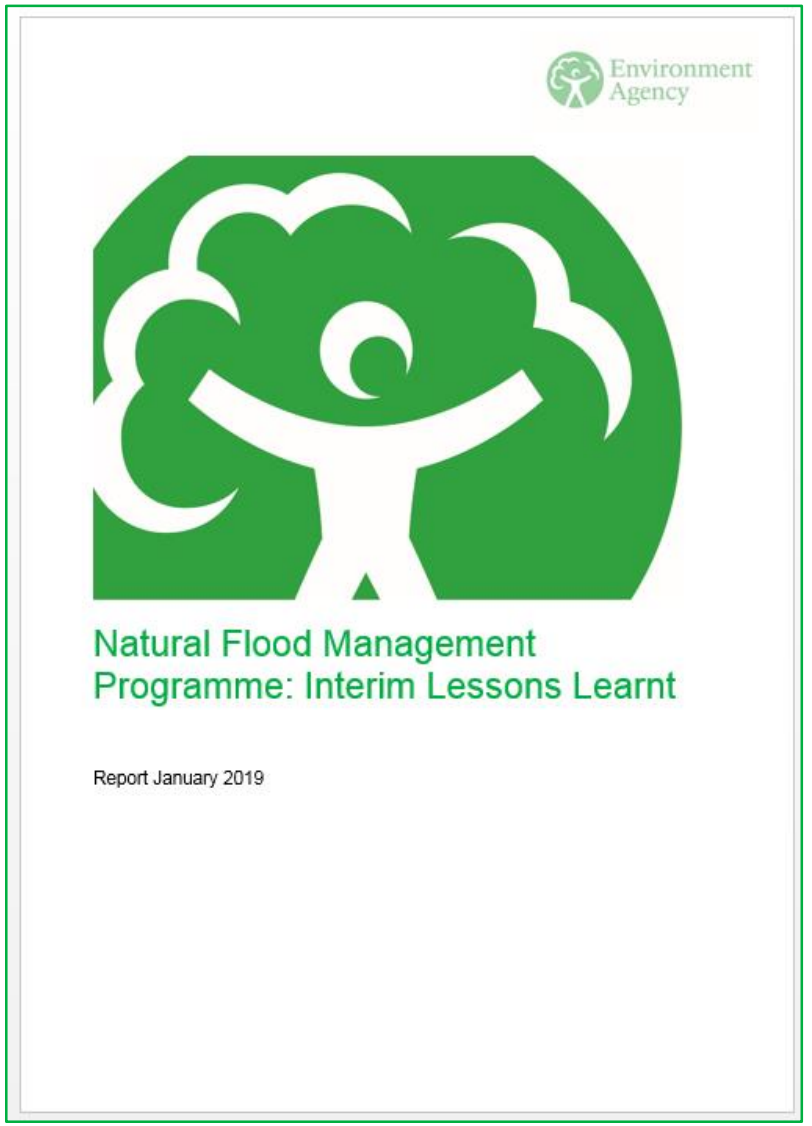
Interim Lessons Learnt Report

- Project teams require clarity on how projects proposals will be assessed.
- Timetables should not be fixed before practicalities are agreed with partners.
- Teams want information to assess and value the benefits and costs of NFM.
- Engagement is crucial to form and sustain partnerships needed for NFM.
- Engagement to clarify long responsibilities is critical.



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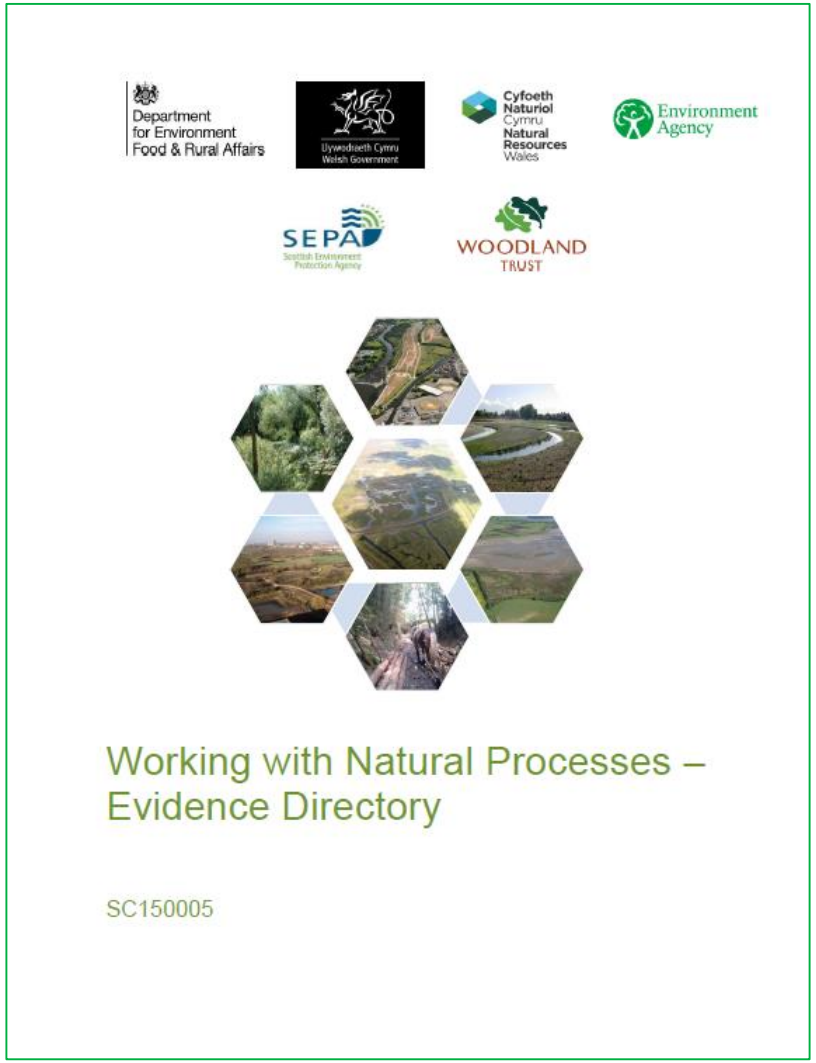
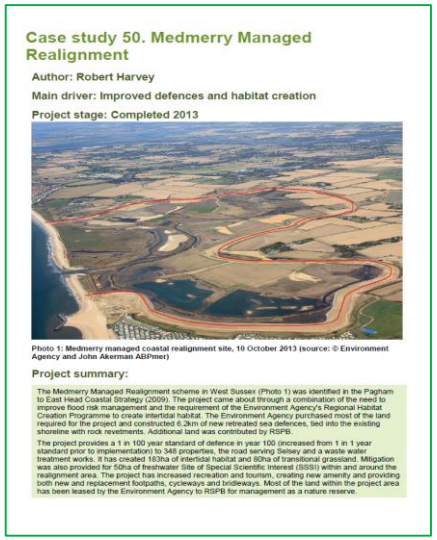
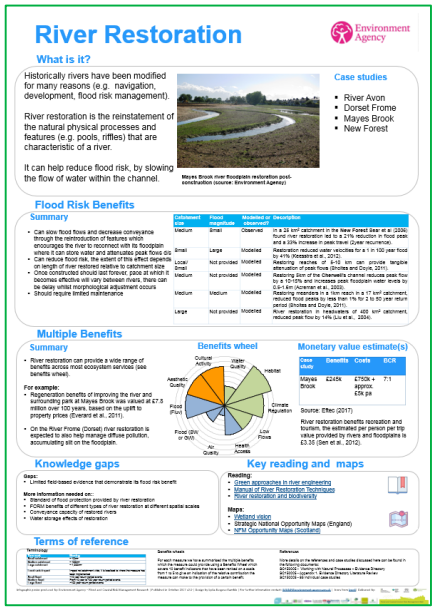
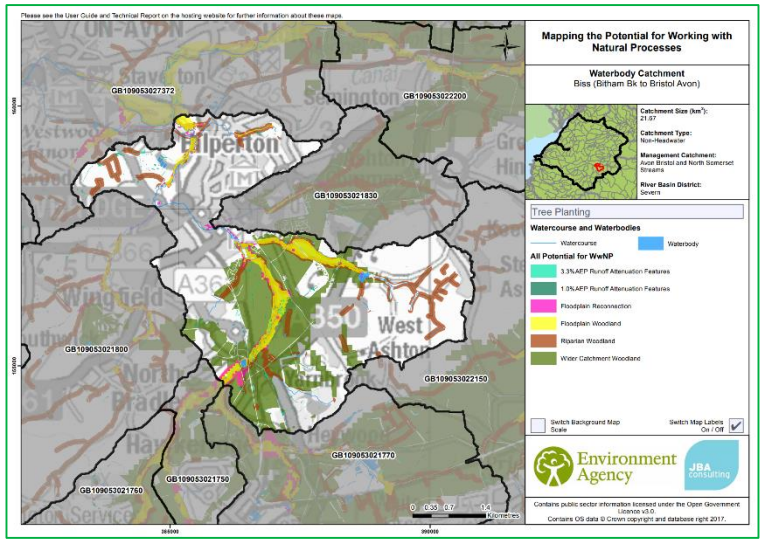
Our Evidence Base









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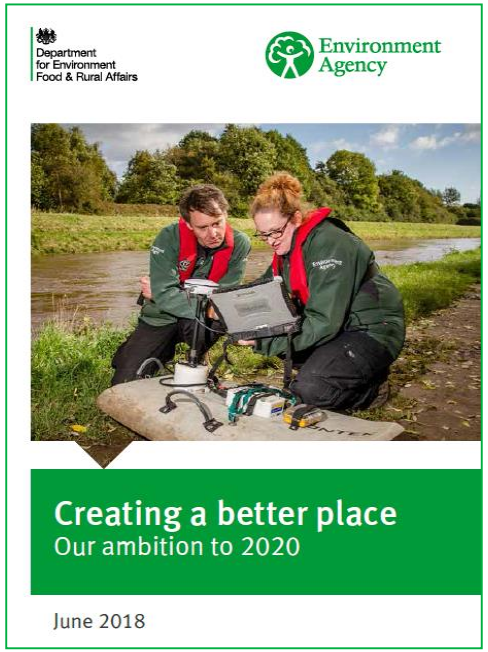
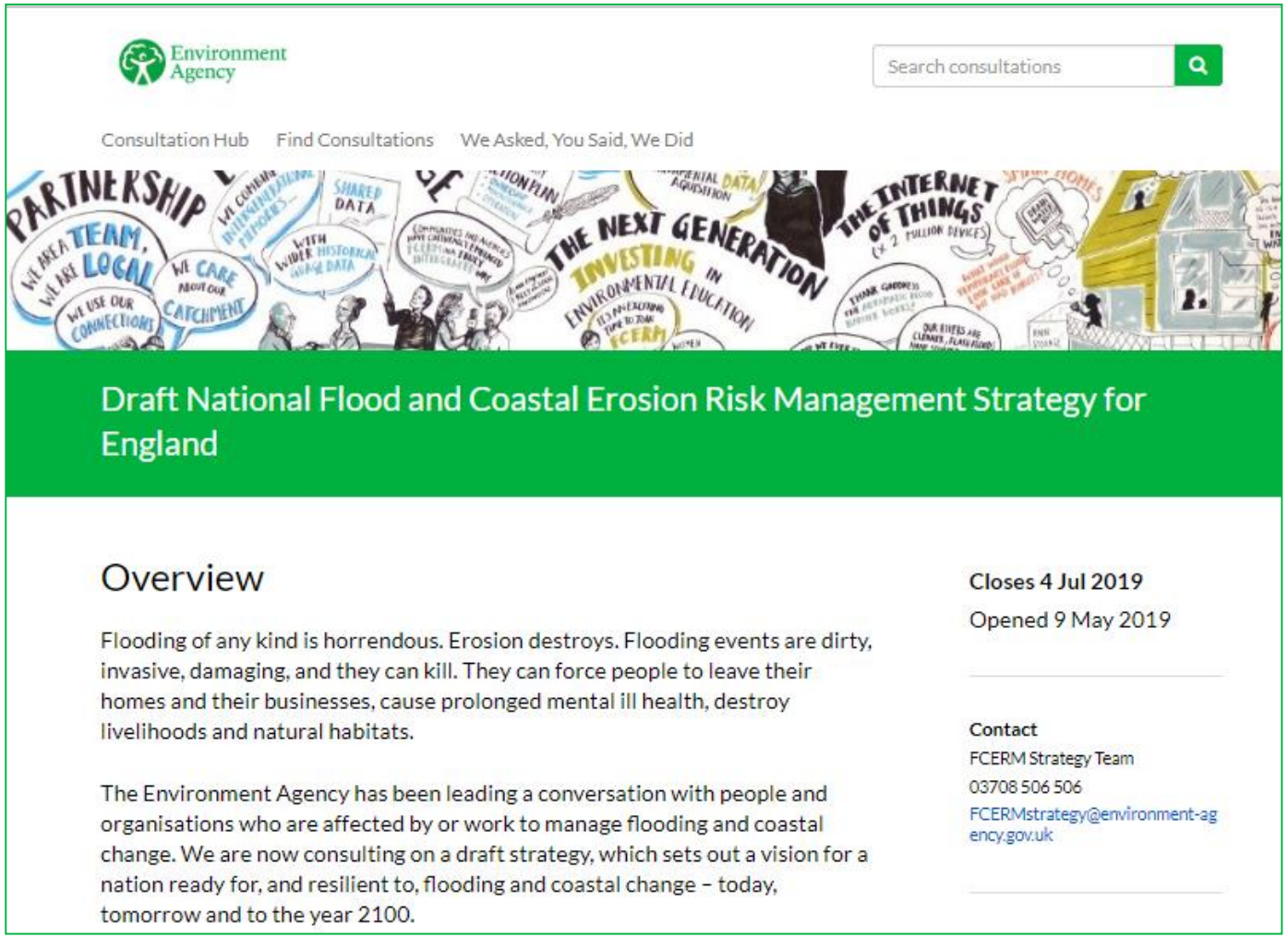
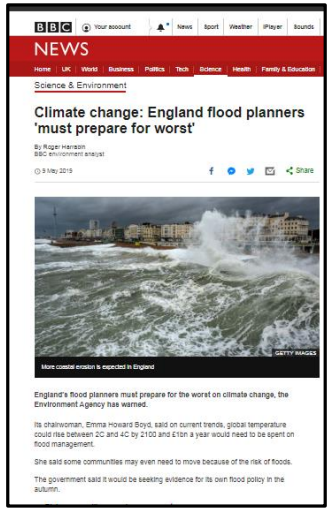
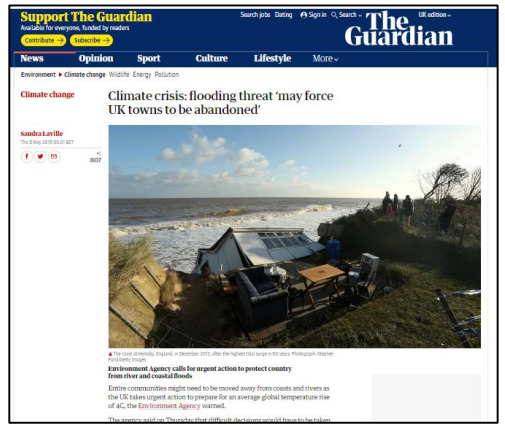
The opportunity and evidence



Launch of the National FCERM Strategy consultation







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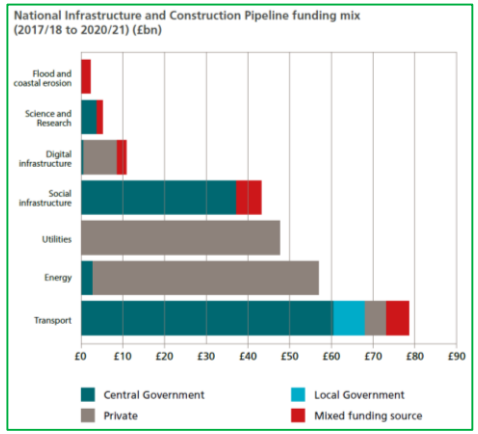
National FCERM strategy for England

"A nation ready for, and resilient to, flooding and coastal change – today, tomorrow and to the year 2100."



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FCERM Strategy 2100 aspirations

Climate resilient places

- Helping places plan and adapt to flooding and coastal change across a range of climate futures

Today's growth and infrastructure resilient in tomorrow's climate

- Getting the right kind of development in the right places to deliver sustainable growth and infrastructure resilient to flooding and coastal change.

A nation of climate champions

- Better preparing society through education and accessible digital information as well as being a world leader in flood and coastal resilience.

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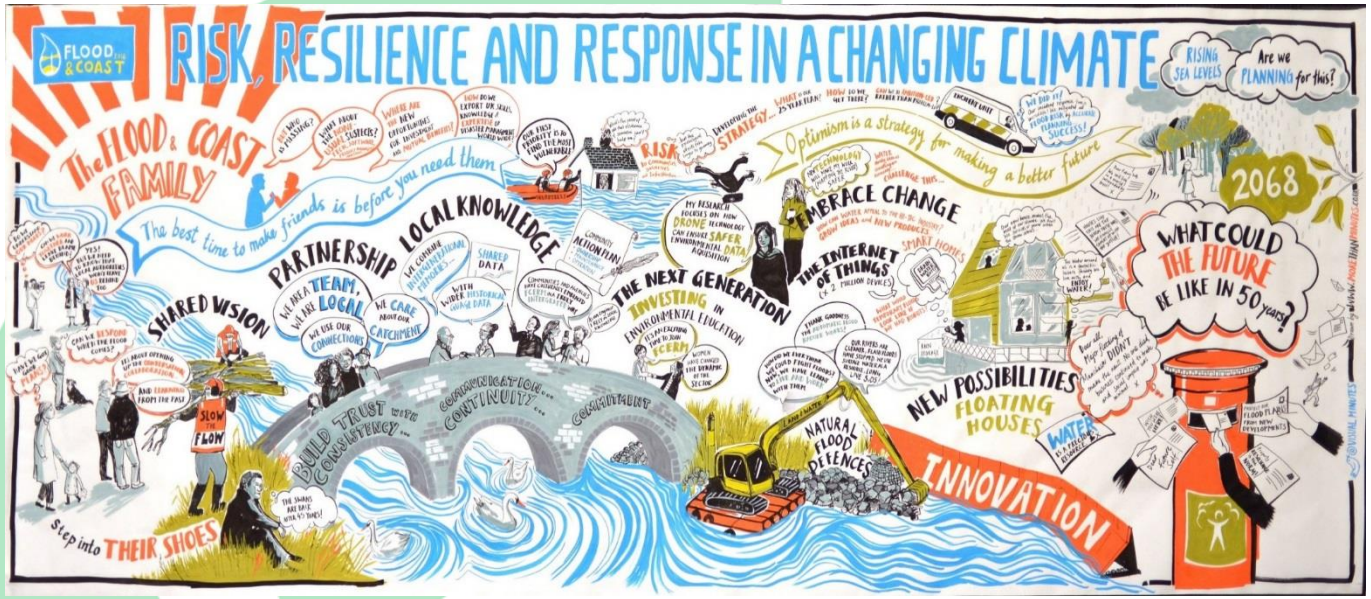
Getting involved

- Consultation materials published on GOV.UK on 9 May
- You can provide your feedback through the online consultation tool or by e-mailing:

fcermstrategy@environment-agency.gov.uk



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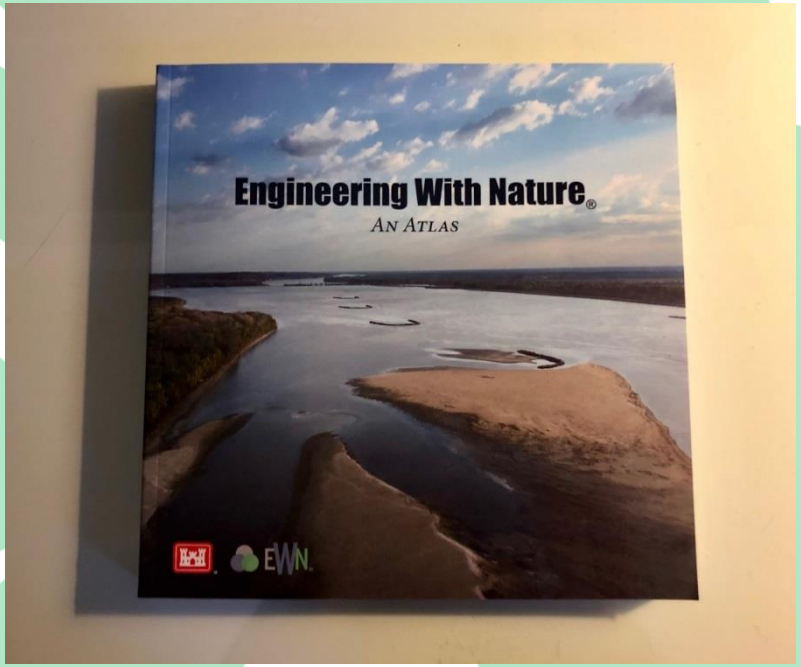
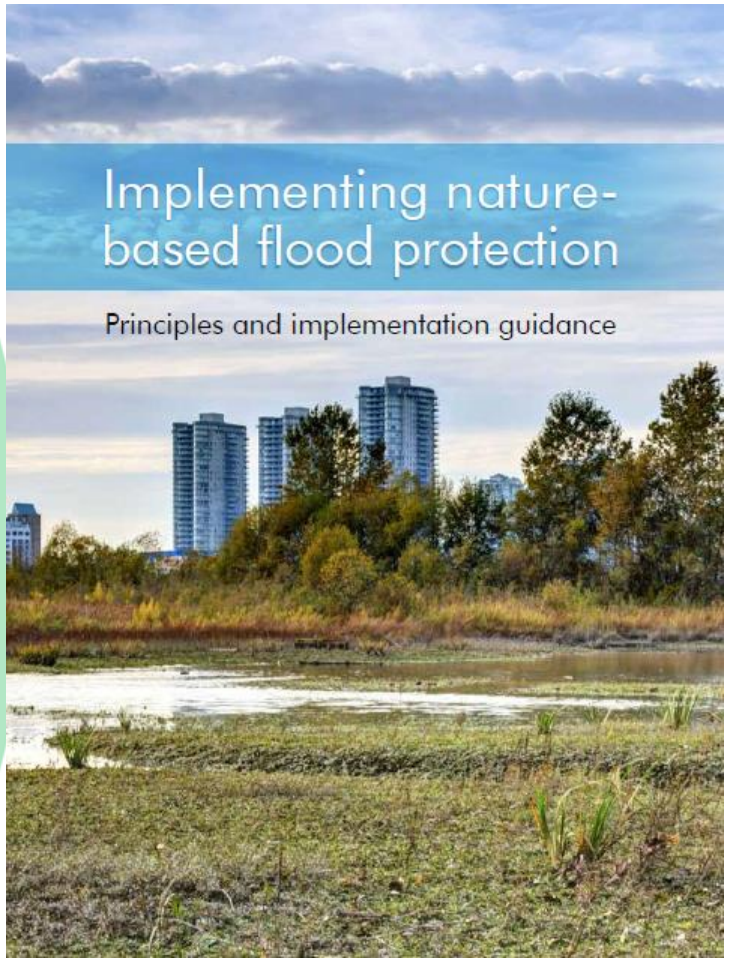
Next steps





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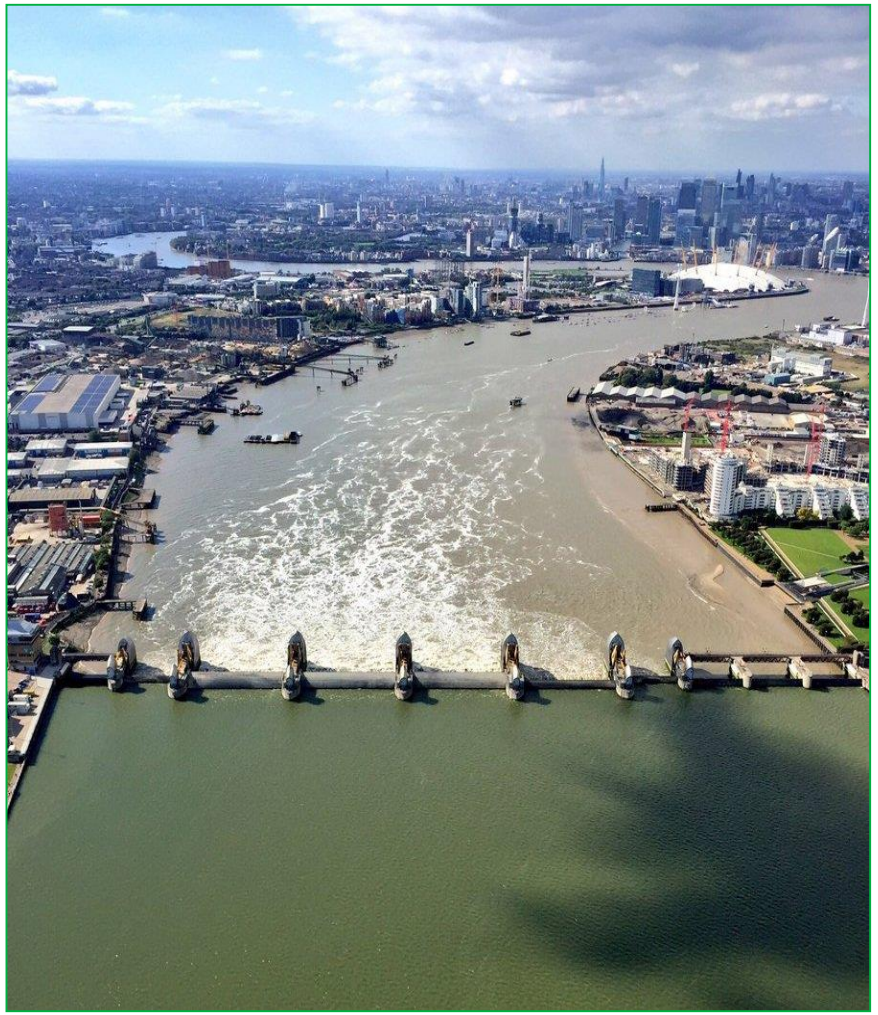
Thank you and questions



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